

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

WATER AND SEDIMENT CONTROL BASIN

CODE 638

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained Water and Sediment Control Basin is an asset to your farm. This structure was designed and installed to entrap sediment and provide storage to runoff water for beneficial use. Estimated life span of this installation is at least _____ years. The life of this installation can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- After each large storm, basins must be inspected and needed maintenance performed.
- When sediment storage is full, accumulated sediment must be removed or the basin must be redesigned and modified to restore capacity.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Practices with underground outlets should be periodically checked for clogging and/or pipe damage.
- Periodically inspect the spillways and control gates for proper functioning and their ability to maintain the water level to design elevations. Immediately remove any blockage or obstructions in spillways. Remove debris that may accumulate at the water and sediment control basin and immediately upstream or downstream from the basin.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Fertilize the established stand as needed to maintain a uniform vigorous stand. Periodic mowing may also be needed to control height.
- If fences are installed, they shall be maintained to prevent unauthorized or livestock entry.
- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity. Screens and/or rodent guards shall also be kept in place.

- Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

[illegible]